

NETWORK LOCK METHOD AND RELATED APPARATUS WITH CIPHERED NETWORK LOCK AND INERASABLE DECIPHERING KEY

Abstract

The method includes: associating different cell phones to different enciphering and deciphering keys of an asymmetric encryption algorithm. Access information of the network lock corresponding to the cell phone is enciphered by the corresponding enciphering key. Then, the enciphered network lock is stored in the cell phone, and the corresponding deciphering key is recorded in an inerasable memory of the cell phone. The original plaintext access information of the network lock and the enciphering key is stored only in a service provider of the communication network. When the cell phone tries to access the communication network, it decipheres the enciphered network lock using the deciphering key stored in the inerasable memory to verify the network lock of the cell phone.